

Name: _____



Math Buzz

Fill in the missing numbers.

$$59.2 \times 10 \text{ — } = 59,200$$

$$30.78 \div 10 \text{ — } = .3078$$

Write the prime factorization for each number. If the number is prime, write prime.

$$25 \text{ — } \underline{\hspace{2cm}}$$

$$18 \text{ — } \underline{\hspace{2cm}}$$

$$29 \text{ — } \underline{\hspace{2cm}}$$

Multiply.



Standard Units of Length

$$1 \text{ mile} = 1,760 \text{ yards}$$

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$$291 \text{ mi. } 880 \text{ yds} + 148 \text{ mi. } 1,584 \text{ yds} = \text{ — } \text{ mi. } \text{ — } \text{ yds}$$



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Math Buzz

Insert parentheses to make each statement true.

$$108 \div 4 - 6 + 15 = 36$$

$$108 \div 4 - 6 + 15 = 6$$

Without multiplying, order the products from greatest to least.

$$\frac{4}{4} \times 20, \frac{10}{12} \times 20, \frac{9}{8} \times 20$$

Solve.

$$9^2 = \underline{\hspace{2cm}}$$

(2)

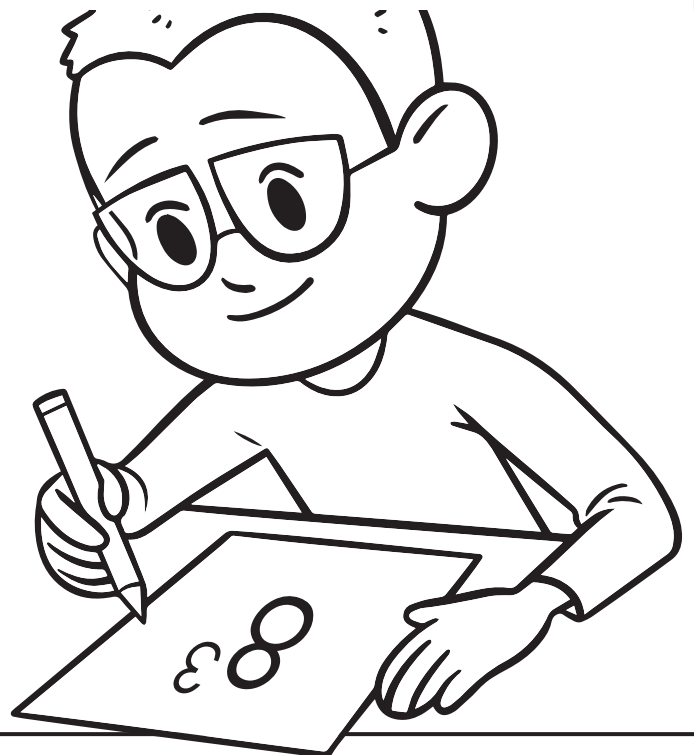


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Divide.

$$1.4 \overline{)9.8}$$



Name: _____



Math Buzz



The cabins at summer camp have a bed, nightstand, and dresser for each camper. The dressers are 30 in. wide, 18 in. deep, and 40 in. tall. The nightstands are 20 in. wide, 20 in. deep, and 25 in. tall. What is the total volume of space each camper has to store their belongings in their cabin?

Show your work.

answer: _____



Preview

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3 x (24 + 17) - 4 = _____

Find the difference.

Standard Units of Capacity

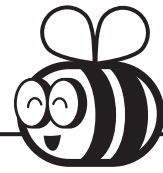
1 gallon = 16 cups

52 gal 4 c - 27 gal 8 c =

_____ gal _____ c



Name: _____



Math Buzz

Solve.

1. Parentheses ()
2. Brackets []
3. Braces { }

$$10 \times \{13 + [(18 + 4) - 11] + 9\} = \underline{\hspace{2cm}}$$

$$\{[2 \times (16 - 7) + 20] - 5\} \div 3 = \underline{\hspace{2cm}}$$

Divide.

$$3.3 \overline{)8.25}$$

Evaluate each expression for $x = 2$ and $y = 4$.

$$x^y = \underline{\hspace{2cm}}$$

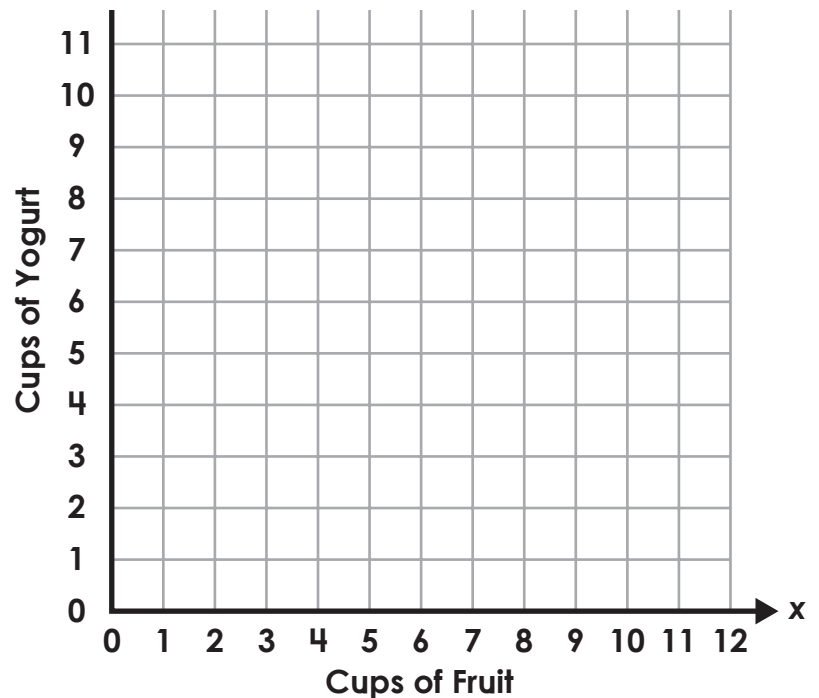


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Fruit (cups)	Yogurt (cups)
1	$\frac{1}{2}$
2	1
3	
4	
5	

Rule: _____



Name: _____



Math Buzz

Multiply.

$$\begin{array}{r} 2.51 \\ \times 5.93 \\ \hline \end{array}$$

Goodman's Farm Market charges \$5.50 for one quart of cherries or four quarts for \$20.00. How much money will Mrs. Davidson spend if she buys ten quarts of cherries?

Show your work.

answer: _____

Write an equation to

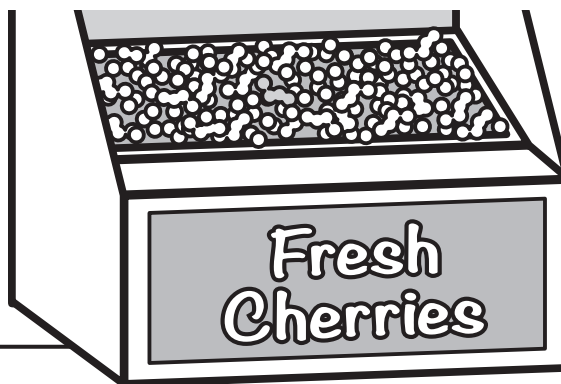


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2	6
6	10
3	7

y = _____



Find the sum.

Standard Units of Mass

1 ton = 2,000 pounds

$$16 \text{ t } 3,469 \text{ lbs} + 21 \text{ t } 93 \text{ lbs} = \text{_____ t } \text{_____ lbs}$$



Fill in the missing numbers.

$$59.2 \times 10^{\underline{3}} = 59,200$$

$$30.78 \div 10^{\underline{2}} = .3078$$

$$.00843 = 8.43 \div 10^{\underline{3}}$$

$$610.5 = 61.05 \times 10^{\underline{1}}$$

Write the prime factorization for each number. If the number is prime, write prime.

$$25 \underline{\hspace{2cm}} \mathbf{5 \times 5}$$

$$18 \underline{\hspace{2cm}} \mathbf{2 \times 3 \times 3}$$

$$29 \underline{\hspace{2cm}} \mathbf{prime}$$

Multiply.

$$\begin{array}{r} \overset{6}{4} \\ \overset{7}{7} \overset{5}{5} \\ \mathbf{4.86} \\ \times \mathbf{7.9} \\ \hline \mathbf{4374} \\ \mathbf{+ 34020} \\ \hline \mathbf{38.394} \end{array}$$

Find the sum.

Standard Units of Length

1 mile = 1,760 yards

$$291 \text{ mi. } 880 \text{ yds} + 148 \text{ mi. } 1,584 \text{ yds} =$$

$$\underline{\hspace{1cm}} \mathbf{440} \text{ mi. } \underline{\hspace{1cm}} \mathbf{704} \text{ yds}$$

Insert parentheses to make each statement true.

$$\mathbf{(108 \div 4) - 6 + 15 = 36}$$

$$\mathbf{108 \div 4 - (6 + 15) = 6}$$

Without multiplying, order the products from greatest to least.

$$\frac{4}{4} \times 20, \frac{10}{12} \times 20, \frac{9}{8} \times 20$$

$$\frac{9}{8} \times 20, \frac{4}{4} \times 20, \frac{10}{12} \times 20$$

Solve.

$$9^2 = \underline{\hspace{2cm}} \mathbf{81}$$

$$3^6 = \underline{\hspace{2cm}} \mathbf{729}$$

Divide.

$$\begin{array}{r} \mathbf{7} \\ \mathbf{1.4} \overline{) 9.8} \\ \underline{ \mathbf{98}} \\ \mathbf{0} \end{array}$$



Preview

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answer: **31,600 cubic inches**

Solve.

$$10 \times \{13 + [(18 + 4) - 11] + 9\} = \underline{\hspace{2cm}} \mathbf{330}$$

$$18 + 4 = 22, 22 - 11 = 11, 13 + 11 + 9 = 33, 10 \times 33 = 330$$

$$\{[2 \times (16 - 7) + 20] - 5\} \div 3 = \underline{\hspace{2cm}} \mathbf{11}$$

$$16 - 7 = 9, 2 \times 9 = 18, 18 + 20 = 38, 38 - 5 = 33, 33 \div 3 = 11$$

Divide.

$$\begin{array}{r} \mathbf{2.5} \\ \mathbf{3.3} \overline{) 8.25} \\ \underline{ \mathbf{66}} \\ \mathbf{165} \\ \underline{ \mathbf{165}} \\ \mathbf{0} \end{array}$$

Evaluate each expression for $x = 2$ and $y = 4$.

$$x^y = \underline{\hspace{2cm}} \mathbf{16}$$

$$2^y$$

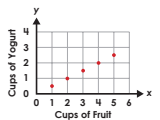
$$2 \times 2 \times 2 \times 2 = 16$$

$$8^x \div 4y = \underline{\hspace{2cm}} \mathbf{4}$$

$$8^2 \div (4 \times 4)$$

$$64 \div 16 = 4$$

Fruit (cups)	Yogurt (cups)
1	$\frac{1}{2}$
2	1
3	$1 \frac{1}{2}$
4	2
5	$2 \frac{1}{2}$



Rule: **Multiply the amount of fruit by half to find the amount of yogurt.**

Answers may vary.

Multiply.

$$\begin{array}{r} \overset{2}{4} \\ \overset{1}{1} \\ \mathbf{2.51} \\ \times \mathbf{5.93} \\ \hline \mathbf{753} \\ \mathbf{22590} \\ \mathbf{+ 125500} \\ \hline \mathbf{14.8843} \end{array}$$

Goodman's Farm Market charges \$5.50 for one quart of cherries or four quarts for \$20.00. How much money will Mrs. Davidson spend if she buys ten quarts of cherries?

$$\mathbf{\$20.00 \times 2 = \$40.00}$$

$$\mathbf{\$5.50 \times 2 = \$11.00}$$

$$\mathbf{\$40.00 + \$11.00 = \$51.00}$$

answer: **\$51.00**

Write an equation to describe the relationship between x and y .

x	y
7	11
5	9
2	6
6	10
3	7

$$y = \underline{\hspace{2cm}} \mathbf{x + 4 \text{ or } 4 + x}$$

Find the sum.

Standard Units of Mass

1 ton = 2,000 pounds

$$16 \text{ t } 3,469 \text{ lbs} + 21 \text{ t } 93 \text{ lbs} =$$

$$\underline{\hspace{1cm}} \mathbf{38} \text{ t } \underline{\hspace{1cm}} \mathbf{1,562} \text{ lbs}$$